

# INTERNATIONAL SEARCH REPORT

International Application No. 10/526519  
PCT/EP 02/10073

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H03M13/27

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H03M H04B G06F H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 111 797 A (MATSUSHITA ELECTRIC IND CO LTD) 27 June 2001 (2001-06-27) page 2, line 17 -page 4, line 35	1-7, 9-17, 19, 20
Y	page 4, line 38 -page 8, line 15 figure 2	8, 18
Y	US 6 347 385 B1 (CUI JIAN ET AL) 12 February 2002 (2002-02-12) column 9, line 65 -column 13, line 12 column 15, line 66 -column 18, line 7 figures 7, 8	8, 18
A	US 6 392 572 B1 (SHIU DA-SHAN ET AL) 21 May 2002 (2002-05-21) the whole document	1-20
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

20 February 2003

Date of mailing of the international search report

27/02/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Barel-Faucheux, C

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 195 910 A (SAMSUNG ELECTRONICS CO LTD) 10 April 2002 (2002-04-10) the whole document ----	1-20
A	EP 1 030 455 A (NIPPON TELEGRAPH & TELEPHONE) 23 August 2000 (2000-08-23) the whole document -----	1-20

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